



GP/2183

ATTORNEY'S DOCKET NO. A0312/7410 WRM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Plante et al.
Serial No: 09/923,225
Conf. No.: 8975
Filed: August 6, 2001
Title: HIGH PERFORMANCE TURBO AND VITERBI CHANNEL
DECODING IN DIGITAL SIGNAL PROCESSORS

Examiner: Not Yet Assigned
Art Unit: 2183

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231 on 14 day of March, 2002.

William R. McClellan
William R. McClellan

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Sir:

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Transmitted herewith is/are the following document(s):

- [x] Information Disclosure Statement
- [x] Form PTO-1449 and References Cited
- [x] Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts.

No fee is associated with the filing of these papers. If the fee is insufficient, the balance may be charged to Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully Submitted,

William R. McClellan
William R. McClellan, Reg. No. 29,409
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, MA 02210-2211
(617) 720-3500

Docket No. A0312/7410 WRM
Dated: March 14, 2002
xNDD
601247.1



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V. Jone

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Commissioner for Patents
Washington, D.C. 20231

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STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing date of a first Office Action on the merits in the above-identified case.

No fee or certification is required.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

PART III: Remarks

Documents cited on the attached form PTO-1449 (modified) are enclosed unless otherwise indicated on the attached form PTO-1449 (modified). It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

Serial No.: 09/923,225

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Art Unit: 2183

An early and favorable action is hereby requested.

Respectfully submitted,

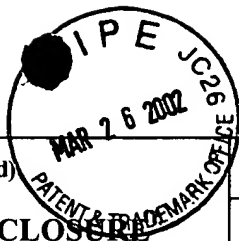
Plante et al., Applicant(s)

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Docket No. A0312/7410 WRM

Dated: March 14, 2002

xNDD



FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 09/923,225	ATTY. DOCKET NO.: A0312/7410WRM
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE: August 6, 2001	
		APPLICANT: Plante et al.	
		GROUP ART UNIT: 2183	EXAMINER: Not Yet Assigned
Sheet	1	of	1

U.S. PATENT DOCUMENTS

Examiner's Initials#	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYY
		Number	Kind Code		

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FOREIGN PATENT DOCUMENTS

Examiner's Initials#	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)	
		PATRICK ROBERTSON, EMMANUELLE VILLEBRUN AND PETER HOEHER, "A Comparison of Optimal and Sub-Optimal MAP Decoding Algorithms Operating in the Log Domain," Institute for Communications Technology, German Aerospace Research Establishment (DLR), Oberpfaffenhofen, Germany, <i>IEEE</i> 1995, pp. 1009-1013		
		MATTHEW C. VALENTI, "An Introduction to Turbo Codes," Bradley Dept. of Electrical Engineering, Virginia Polytechnic Inst. & S.U., Blacksburg, Virginia, 7 pages		
		WILLIAM E. RYAN, "A Turbo Code Tutorial," New Mexico State University, Las Cruces, NM, 9 pages		
		HUI-LING LOU, "Implementing the Viterbi Algorithm," <i>IEEE Signal Processing Magazine</i> , September 1995, pp. 42-52		

EXAMINER	DATE CONSIDERED
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]